

WHAT IS CLAIMED IS:

1. A nonreciprocal circuit device comprising:

a magnetic body having a rectangular parallelepiped shape, said magnetic body including three center conductors arranged to intersect one another at a predetermined angle, provided in an electrically insulated state from one another, and one which is disposed substantially parallel with one side of the magnetic body,

wherein the conductor width of the center conductor which is disposed substantially parallel with one side of the magnetic body, is set to be wider than the conductor width of each of the two other center conductors.

2. A nonreciprocal circuit device comprising:

magnetic body having a rectangular parallelepiped shape, said magnetic body including three center conductors arranged to intersect one another at a predetermined angle, provided in an electrically insulated state from one another, and one of which is disposed substantially parallel with one side of the magnetic body,

wherein each of said three center conductors includes a plurality of conductors, and

the inter-conductor spacing of the center conductor which is disposed parallel with one side of the magnetic body is set to be wider than the inter-conductor spacing of each of the two other center conductors.

3. A nonreciprocal circuit device comprising:

magnetic body have a rectangular parallelepiped shape, said magnetic body including three center conductors arranged to intersect one another at a predetermined angle, provided in an electrically insulated state from one another, and one of which is disposed substantially parallel with one side of the magnetic body,

wherein each of said three center conductors includes a plurality of conductors, and

the conductor width and the inter-conductor spacing of the center conductor which is disposed substantially parallel with one side of the magnetic body, are set to be wider than the conductor width and the inter-conductor spacing of each of the two other center conductors.

4. A nonreciprocal circuit device, as claimed in claim 1, 2, or 3, wherein:

each of said three center conductors includes two conductors.

5. A nonreciprocal circuit device, as claimed in claim 1, 2, or 3, wherein:

a terminating resistor is connected to a port of any one of said three center-conductors.

6. A nonreciprocal circuit device, as claimed in claim 5, wherein:

a terminating resistor is connected to the port of the center conductor which is disposed substantially parallel with one side of said magnetic body.

7. A communication device comprising:

a nonreciprocal circuit device as claimed in claim 1, 2, or 3.